

## **PRESS RELEASE**

### **AES-IntelliNet Announces Enhanced Customer Support Program for NTIA Narrowband Compliance**

(Peabody, MA April 9, 2004) AES-IntelliNet Alarms, a division of AES Corp, announced today an expanded support program for organizations that need to upgrade and modify wireless radio alarm based systems to meet NTIA narrowband compliance standards. The NTIA narrowband compliance standards apply to all products utilizing radio based wireless transmission for a variety of purposes. Most of the systems currently in use do not meet narrowband standards and must be modified. The deadlines for compliance begin as soon as January 2005.

All AES-IntelliNet Alarm products are narrowband compliant and serve primarily the fire and intrusion security market. The new NTIA standards were enacted to promote the efficient use of federal radio spectrum, and will take effect as early as January 2005. The standards dictate a transition of channel bandwidths from 25 kHz to 12.5 kHz (narrowband assignments).

#### **NTIA Narrowband Compliance Standards**

The NTIA Narrowband Compliance standards have been instituted in order to better manage the allocation of frequency spectrum for wireless communications. Radio equipment will be more accurate and adjacent channels will not be interfered with. Guidelines for the transition to narrowband technology are found in Chapter 4 of the NTIA's Manual of Regulations and Procedures for Federal Radio Frequency Management. The deadline for transitioning to narrowband radios differs depending on the assigned bandwidth as indicated below:

- **138 - 150.8 MHz Band:** New systems must use the new 12.5 kHz channel after 1 January 1998; Existing systems must be converted by 1 January 2008.
- **162 - 174 MHz Band:** New systems must use the new 12.5 kHz channel after 1 January 1995; Existing systems must be converted by 1 January 2005.
- **406.1 - 420 MHz Band:** New systems must use the new 12.5 kHz channel after 1 January 1995; Existing systems must be converted by 1 January 2008.

#### **AES-IntelliNet NTIA Compliance Support Program**

AES-IntelliNet offers technical and product support programs that help bring organizations into NTIA compliance requirements and support radio alarm monitoring needs. The AES-IntelliNet support program includes:

- Conducting a site survey of installed transceivers to determine available options for meeting the NTIA requirements and develop a timely conversion process.
  - Conducting training classes on how to install AES-IntelliNet products so on-site personnel can complete the required conversions.
  - Providing installation certification and service for AES-IntelliNet products.
  - Providing ongoing support for AES-IntelliNet products.

Established in 1974, AES Corp. is the industry leader delivering high reliability wireless mesh networks to multiple industries including the fire alarm and burglary/intrusion market. Wireless mesh networking is an innovative technology for applications that need to communicate data over a large geographic area with a high level of reliability at a low cost of ownership. AES-IntelliNet network users in the Fire & Burglary/Intrusion Alarm industry have gained significant revenue, communications and cost advantages while meeting the high standards of reliability required. AES-IntelliNet Alarm products are UL and NFPA approved. AES-IntelliNet systems are used in over 100,000 locations in over 130 countries.

To Learn More Please Contact AES at:

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